



New Products & Services

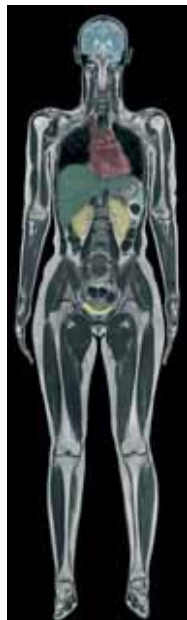
The following new products and services are offered in the technical exhibit areas. Consult the Meeting Guide for the booth number and location of each company.

Tableside Operation Touchscreen



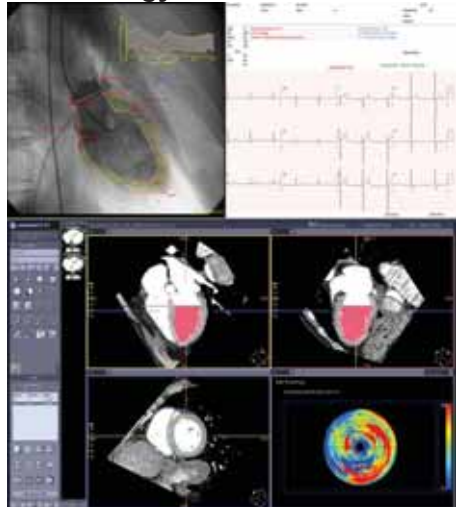
Quantum Medical Imaging is proud to offer TechVision™, a tube/tableside operator touchscreen. TechVision provides a complete digital image preview, directly at the operator handgrip, 3 seconds after exposure. From there, the technologist can send the image directly to a PACS network for diagnosis.

No More Manual Coil Changes



Siemens Medical Solutions is pleased to introduce enhancements to its Tim® (Total imaging matrix) technology, that eliminate the need for patient repositioning and manual coil changes while providing enhanced image quality. The technology's seamless, whole-body surface coil design combines up to 102 seamlessly integrated coil elements with up to 32 independent radio-frequency channels. Tim-powered applications allow doctors to detect and diagnose disease states faster, offer more treatment options and increase workflow and efficiency.

Cardiology PACS



INFINITT's Cardiology PACS is an image management solution providing tools such as image acquisition, storage, displays and Web distribution devices. Designed for most diagnostic procedures, it provides access to a complete set of image data, analysis and manipulation tools. Enhanced 3D dedicated solutions support the visualization of the heart and cardiac functions including vessel analysis, calcium scoring and cardiac functional analysis.

Customizable PACS System

Mantis Technology LLC is pleased to offer its new PACS system, PACS IQ. PACS IQ provides for image storage, query and retrieval, compression, auto routing and CD burning, along with image viewing capabilities that include annotations, measurements, multiframe images and image processing. The customizable system integrates all modalities and offers dictation and voice recognition, clinical messaging and state-of-the-art structured reporting in a unified, paperless workflow.

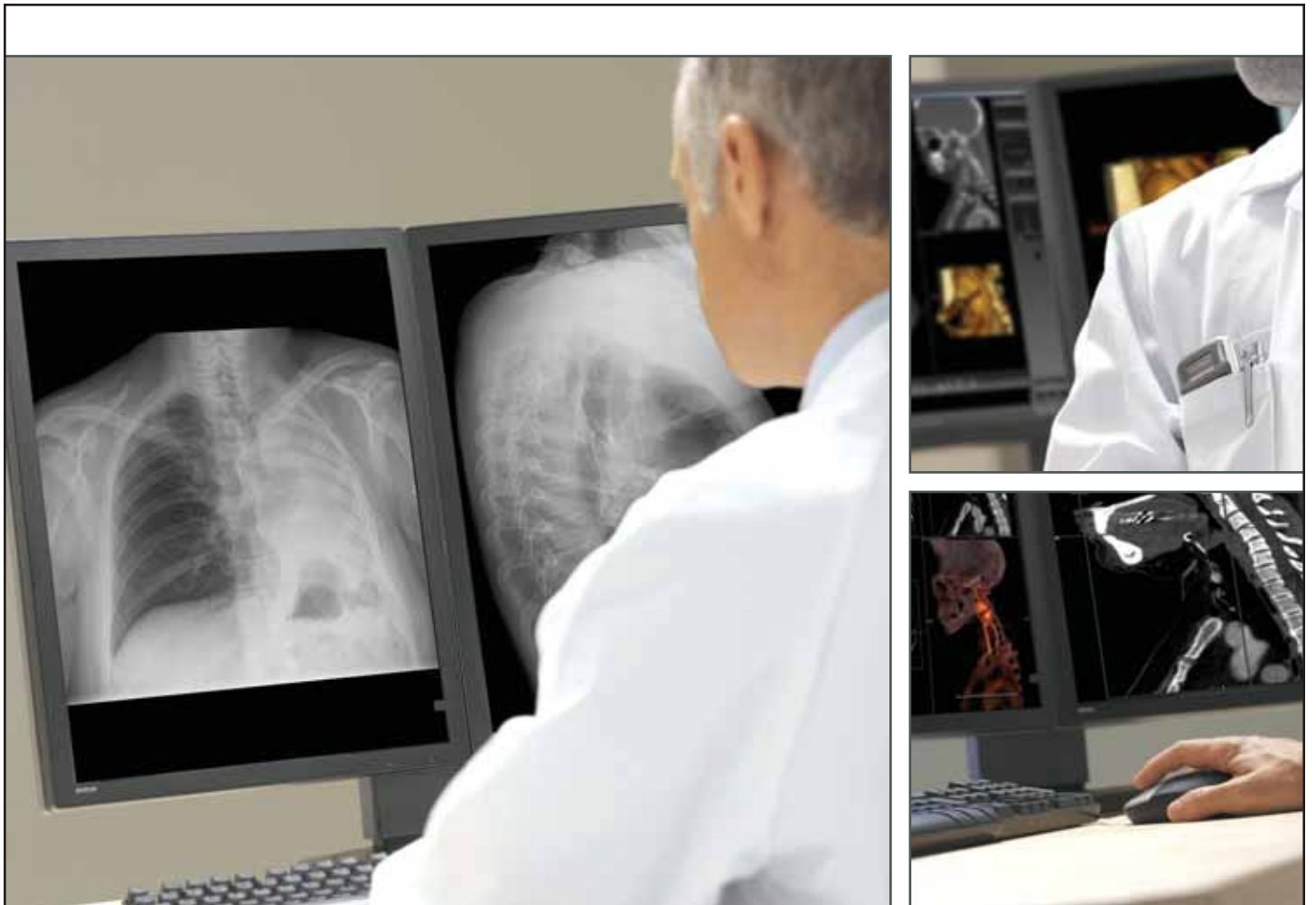
Imaging Informatics Solution



Merge eMed offers Fusion RIS/PACS MX, a next-generation imaging informatics solution. Fusion RIS/PACS MX delivers

a single workflow application relevant to the entire spectrum of an imaging business' needs, with a radiologist command center offering single-screen, point-and-click access to all patient-related information. Workflow tools, available with minimal clicks, include embedded dictation, interrupt sessions, instant messaging and hanging protocols.

The information for these new products and services was provided by the manufacturers. Inclusion in this publication should not be construed as a product endorsement by RSNA.



CORONIS Diagnostic precision

Patients depend on your expertise to make life-critical decisions. That's why you look for imaging technology you can trust to provide the perfection you need.

The new CORONIS display system delivers perfect diagnostic precision. Combining proven technology with cutting edge enhancements and progressive ergonomics, the new CORONIS redefines diagnostic precision in both grayscale and color.

CORONIS comes with the unique MEDICAL QAWEB online service that guarantees maximum use of your PACS display systems by providing automated calibration, remote Quality Assurance and tailor-made hardware services.

Discover CORONIS, along with many other leading edge imaging solutions, in **Hall A - booth 4729**.



Giving You the **Power** to **Diagnose**

With more information, you can be quicker *and* more accurate.

McKesson's **Horizon Medical Imaging**™ PACS accelerates diagnosis and strategy for patient care. Our solution provides complete image review, access to the patient's clinical history and smart, synchronous reporting — all within easy reach. Our innovative technology takes image display and navigation speeds to unprecedented levels, giving you the **power to diagnose** quickly, and make better, safer decisions about patient care.

McKesson's depth of proven healthcare IT experience gives you the **power to lead** with a solution that delivers images and information

faster for improved performance, quicker diagnoses and better connections to referring physicians and other caregivers.

Learn more about Horizon Medical Imaging and McKesson's complete image-enabled care strategy at RSNA, booth #2556. For more information visit us at www.mckesson.com/medicalimaging or call (800) 981-8601.

MCKESSON
Empowering Healthcare

5 Mega pixel Grayscale Display



Quest International is pleased to offer the Totoku ME551i2, a 5 mega pixel grayscale display. Its luminance, contrast ratio and grayscale simultaneous display of 2048 shades of gray make this DICOM-compliant display ideal for MR, DR, CR or mammography modalities. Features include Totoku's λ-Uniformity Matrix luminance equalization and the λ-Sentinel II front-of-screen sensor. The ME551i2's 170 degree super-wide viewing angle allows for primary or consultative applications with multiple viewers.

Web-based Teaching File Management System



Vivalog Technologies introduces Version 5.0 of MyPACS Enterprise, its solution for creating and delivering Web-based teaching files and reference cases. MyPACS facilitates point-of-care training and diagnostic decision support in the reading room. The latest version integrates with PACS systems and features a rich case viewer and image annotator built entirely on the Ajax platform.

Options for Upright, Supine Exams



Reina Imaging Solutions is pleased to offer the Trans-former™ grid cabinet, an imaging option for upright and supine exams. The flexible imaging option pivots, rolls, adjusts vertically and mounts to the wall.

Round-the-Clock Visualization Access

VitreACCESS™ is Vital Images' solution for around-the-clock access to visualization and analysis tools. VitreaACCESS has two platforms that allow physicians to tailor their solution according to the needs of their facility. Users may "float" licenses between workstations throughout the enterprise or access Vitrea software's clinical tools from a secure remote virtual private network. This solution gives customers multiple vehicles for accessing advanced visualization.

Digital Radiographic Generator



Quantum Medical Imaging introduces its Q-VISION HF series of digital radiographic generators. The series has a 12" full-color touchscreen control and is available for both digital and conventional imaging. The series of generators provides power levels up to 80 kW and 150 kVp, meeting the needs of any imaging environment and optimizing imaging through specialized and customized programmability for remote diagnostics.

Digital Orthopedic Surgical Planning and Templating



Orthocrat Ltd. is proud to introduce TraumaCad 3D, the fully functional 3D templating solution for orthopedic surgical planning. TraumaCad 3D is best suited for digital orthopedics with a seamless PACS-

integration, fully Web-based application, concurrent user licensing model, automatic template library and software updates. Joint replacement, trauma, pediatric, spine and deformity correction features also available.

PACS Solution with Instant Messaging

Merge eMed's Fusion PACS MX (formerly Matrix PACS) features radiologist-centric tools like multiple interrupt sessions, instant messaging, study notes and key images. Other features include flexible image management and archiving, easy Web distribution and the ability to load tens of thousands of images simultaneously with the solution's new 64-bit application. Also included are works-in-progress versions of the system's integrated mammography viewing and business analytics capabilities.



QUALITY IS OUR IMAGE®

www.acr.org

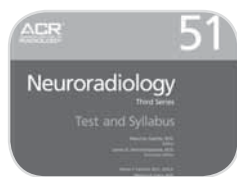
Come Share the Vision

Visit us at booth #4309, South Hall



Preview/Purchase New Products From the ACR Campus™

Open 24/7 at <http://campus.acr.org> with a lineup of online lectures and unique programs focused on breast and chest imaging, cardiac imaging, obstetrical ultrasound, and more.



Neuroradiology III – Just Released!

The 51st volume in our Professional Self-Evaluation Syllabi series includes 20 challenging cases, hundreds of images, and discussions by acclaimed educators and physicians.



Demos

- New MRI Teaching File – Preview selected cases on musculoskeletal, body, and cardiac MRI from the ACR's new MRI Teaching File being developed by the ACR's Resident and Fellow Section.
- e RADPEER™ – Test-drive our new quality improvement product designed to help you conduct peer review more efficiently from your desktop or PDA.



Clinical Research

Hear what's new in clinical research, including an update on the National Oncologic PET Registry and the ACIN® Breast MR trial.

Career-seekers and employers: Visit the ACR's Professional Bureau, South Hall, Room S102A.



Solutions to Maximize the Value of Your MRI System



Better Images
Higher Diagnostic Quality
Improved Patient Safety

Invivo – The Pioneer in Innovative Products

Visit us at Booth #4722
www.invivocorp.com

Long-Body DR



Advanced Digital Technology is proud to offer the Scan-DRL (Scan Digital Radiography for Long Body), designed to provide high quality images with low x-ray exposure. Advantages include no

long size cassette needed, arbitrary image size, maximum 16" x 39" image and great efficiency on chiropractic studies. Advantages of the microwave integrated circuit detector include direct conversion, high fill factor and no dead pixels. Other advantages are no scattering, low dose and low distortion of irradiation.

Teleradiology Software Component



Aware's AccuRad/J2 Medical Image Viewing Control is a lightweight ActiveX component that can be integrated into a Web browser or other medical imaging client, enabling DICOM compliant JPIP image streaming. AccuRad/J2 includes common image reviewing tools such as rotate, magnify, window/level, zoom, measure and scoutlines. AccuRad/J2 supports several DICOM transfer syntaxes including JPEG2000, raw, JPEG and lossless JPEG.

Medical Reports Made Easier



EBM Technologies introduces UniGate 2.0, helping make practices completely paperless. UniGate can digitize and transform all reports, even the most challenging ones such as pulmonary, EKG, and vascular, into DICOM for easy accessibility. With an efficient workflow that cuts cost and greatly reduces management and filing errors, UniGate puts users just clicks away from a patient's entire history.

Detailed PET/CT Stet



Siemens Medical Solutions is proud to introduce TruePoint™ technology to its Biograph™ family of hybrid PET/CT

systems. The TruePoint PET/CT platform adds 33 percent more axial volume coverage to its PET/CT scanners and detects 78 percent more photons, resulting in more precise and detailed images. Along with enhanced speed, TruePoint offers advanced, clinically proven scatter correction techniques.

Workflow Orchestrator



Commissure's RadWhere™ Workflow Orchestrator enables radiology departments to connect diverse PACS, RIS, 3D and teleradiology information into a central worklist. Developed with advanced .Net 2.0 framework and Web-based communication, it is able to incorporate any combination of legacy and Web-based systems, while controlling workflow with bidirectional communication.

Direct Energy Conversion Detector



DRTECH is pleased to offer Hyper Direct Detection, its direct energy conversion detector adaptable to various x-ray systems. Slim and light, users can apply it to stand alone or portable use for mobile x-rays. In addition, it has less energy loss and provides sharp and clear x-ray images.

Web-based 2D, 3D and 4D Visualization Software

ViTALConnect® Version 4.0 from Vital Images is Web-based software that allows physicians to use PCs or notebook computers to access interactive 2D, 3D and 4D advanced visualization. ViTALConnect software offers users critical access and enables study review, advanced analysis and quick diagnostic decisions from anywhere, at anytime.

Breast Imaging Workstation



Cedara I-ReadMammo™ is a soft-copy reading workstation designed specifically for breast imaging. In addition to eliminating the need for multiple review workstations by

supporting multiple vendors and modalities, Cedara I-ReadMammo optimizes viewing speed. Capabilities include optimizing screen real estate and stepping through images in full resolution, to ensure that the entire breast has been viewed.

Digital Universal System



Quantum Medical Imaging's QV-9000 digital radiographic system offers automated positioning features. All positioning motions of this C-arm system are fully motorized and synchronized for maximum patient throughput. Once the exam is selected either from the modality worklist or directly by the technologist, the QV-9000 automatically moves itself into position. This feature provides for imaging accuracy and reduces time between procedures.

Remote Workstation



GE Healthcare's Centricity AW Suite 2® offers five optional modules: CardIQ (cardiology), Advanced Lung Analysis (oncology), Advanced Vessel Analysis (cardiovascular), Autobone and CT Colonography. These digitize the diagnostic process, providing capabilities to manage complex sets of patient data. Clinicians can now manage sophisticated data available from diagnostic imaging modalities to speed diagnosis and treatment. Additionally, radiologists no longer have to move between workstations to view and manipulate interactive volumetric datasets.

Dual Source CT System



Siemens Medical Solutions is offering SOMATOM® Definition, a dual source CT system using two x-ray sources and two detectors at the same time. The SOMATOM Definition's enhanced capabilities, including scanning with two different x-ray energies simultaneously, allow physicians to better differentiate, characterize, isolate and distinguish bone, soft tissue and fluid.

Dual Tune Head Coil

MR Instruments introduces the Tesla Dual Tune circular polarized TEM™ transmit and receive head coil designed for multi-

nuclear spectroscopy and proton imaging. The X nucleus frequency can be selected from ³¹P, ¹³C, ²³Na and ¹²⁹Xc. The FDA-cleared and CE-marked head coil has been designed to promote functional MR imaging applications.

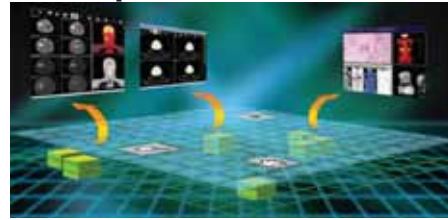
Data Mining Tools



Commissure's RadCube™ Suite is designed with multidimensional data mining tools powered by LEXIMER, a

licensed patented technology. RadCube Suite mines years of critical data to reveal any number of trends and tendencies within radiology departments.

Development Platform



Cedara OpenEyes™ provides a development platform for organizations to create new solutions. OpenEyes' programming model represents a shift from previous technologies by providing a single uniform set of controls and development interfaces. OpenEyes packages connectivity, visualization and printing services in a

flexible, transparent architecture that is deployable across a wide spectrum of environments, from small projects to complex Web solution services.

Dental Visualization



Planned is proud to introduce the Planmeca ProMax 3D Cone Beam Volumetric Tomography (CBVT) unit for advanced visualization in the modern dental imaging practice.

ANYTIME...

I Need...

Integrated Solutions... devices that talk to each other

Increased Efficiencies... access patient data anytime

Improved Workflow... share patient data

We can do that.

visit booth 4576

PerkinsElectronics.com
877.923.4545



Software for Cardiovascular, Neurological Applications



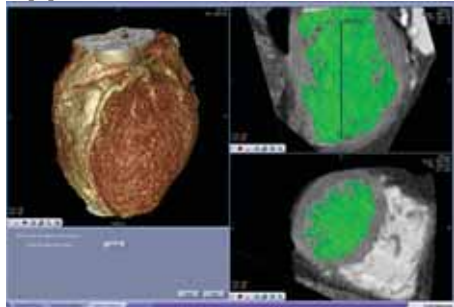
Vital Images' Vitrea® Version 3.9 offers features targeted towards cardiovascular and neurological applications, including the ability to manage larger datasets. Other features include Vessel Walk™, used for comprehensive review of coronary vessels in multiplanar reformation, SUREPlaque™, a separately licensed option for plaque visualization and characterization in coronary arteries and new tools that allow faster review of CT brain perfusion studies.

Radiologist Scheduler

Staff	7/30 Sun	7/31 Mon	8/1 Tue	8/2 Wed	8/3 Thu	8/4 Fri	8/5 Sat	Hours
H. Adams								0
J. Brewer			7a 04		7a 06			18
S. Cantillo				7a 04	7a 04			18
B. Chilson			3p 02	8a 02				20
T. Christa			3p 01			7a 01		17
J. Chung				7a 03		7a 02		18
L. Cooper		7a 06	7a 07					18
N. Dramer				3p 02				8
S. Daniels		7a 03	7a 01					18
J. Dawson		7a 02			7a 05			18
C. Diesel		7a 07		7a 05		7a 07		27
N. Duckett			7a 03	7a 03				18

DOCS 2000 Scheduler for radiologic technologists controls the number of shifts scheduled per day, as well as individual technologist staff hours worked per week. The Scheduler reduces the time that senior medical staff spends creating and modifying the schedule and improves morale by producing flexible, fair and accurate schedules. Schedules are presented in a format the staff can easily understand.

Cardiac Imaging Applications



Viatronix, Inc. is pleased to introduce V3D-Cardiac, clinically-focused applications that help manage the increasing demand for cardiac imaging. V3D-Cardiac provides clinicians with a range of tools to analyze the coronary arteries and quantify cardiac function. Features include automated heart, coronary, long-axis and left ventricle segmentation, 4D cine review, long/short axis views, ejection fraction, wall motion analysis, PACS integration and even hospital-wide access over the new V3D-Enterprise platform.

CTRM Solution

Vocada introduces its critical test result management (CTRM) solution, Veriphy™. Veriphy automates compliance with all legal and professional communication standards, enhancing patient safety and staff productivity. It works as a standalone

application or can be integrated with Dictaphone's PowerScribe®, Commisure's RadWhere™ and Agfa's IMPAX.

Web-based Image and Information Management

Dynamic Imaging's IntegradWeb PACS® digital mammography capabilities include complete and specific workflows with customizable reading layouts and sequences for third-party full-field digital mammography systems. Also included is support for digital mammography computer-aided detection—markings are applied to the original digital mammography study and can be archived for future reference.

Digital Mammography Workstation



Merge eMed's MergeMammo 7.0 (based upon Cedara I-ReadMammo technology) is a multimodality, vendor-neutral digital mammography workstation. It enables an organization to display images from different mammography systems simultaneously and read all imaging studies, including images from the newly approved CR for mammography, on a single workstation. Customized workflow tools support radiologist-specific viewing preferences. Facilities can create environments that equal or exceed hard copy review speed.

Structured Reporting for CT, Ultrasound

The Clickview Corporation is proud to offer Structured Reports for CT head exams, CT abdomen exams, adult echocardiograms and carotid vascular ultrasound. ClickView also offers the "7i Search" query module for data, text and images. By integrating multiple information sources, the Clickview structured reporting system allows medical professionals to rapidly prepare and distribute complex, data intensive reports.

LCD Monitors



EIZO's RadiForce G5320 and GX320 are monochrome LCD monitors for diagnosis in medical imaging. Both include a 13-bit look-up table that produces a pallet of grayscale tones from which 10-bit tones can be displayed simultaneously, ensuring refined rendering of subtle grayscale shadings. GX320 carries a built-in swing sensor and LCD panel protector. Both models carry digital uniformity equalizer function and provide optimum backlight luminance uniformity for accurate diagnosis.

Bone Mineral Density System



GE Healthcare's Lunar iDXA bone mineral density system is designed to help doctors detect, diagnose and monitor treatment of osteoporosis accurately and early in the disease process. The system enables clinicians to simultaneously assess body composition and ascertain fat distribution. With the newly validated capability of measuring patients between 300 and 450 pounds, iDXA helps clinicians assess and diagnose larger patients, including professional athletes.

Web-based Reporting Application

Teleradiology Solutions is pleased to offer TELERIS, a Web-based application using Microsoft® .Net technology to enable seamless radiology reporting. TELERIS also produces structured reports based on customizable templates and has an automated report distribution via fax, customizable to a client-specific level. TELERIS is supported through a dedicated software team with specialization in end-to-end radiology workflow.

Motorized, Height-Adjustable Workstation



Planmed's Nuance Acquire Workstation is compact, motorized and height-adjustable with a high-resolution grayscale display and an optional mammography information system display. Nuance Acquire houses the latest workstation technology for image processing and digital imaging communication. The Planned Nuance FFDM system is pending PMA clearance.

Compact Ultrasound System



GE Healthcare is proud to offer the Voluson i, the compact 4D ultrasound system designed specifically for women's health, gynecologic, prenatal and other clinical applications. This new compact laptop-sized technology, which received FDA clearance, allows clinicians to make immediate real-time diagnoses by providing high quality imaging wherever the patient is located. This capability reduces the risk, time and expense of transporting patients, particularly those considered high-risk.

Clinical Advice Information System

INFINITT's CDIS acquires clinical data from various devices used for medical examinations in hospitals, transforming data into the industry's standard hospital information system formats. By digitizing medical examination data, CDIS enables healthcare facilities to easily refer to patient

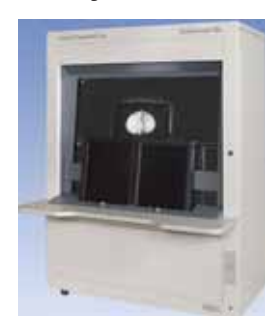
health records anytime and from anywhere. The application derives data not only from radiology modalities interfaced with existing PACS, but also from clinical devices, patient monitoring systems in the intensive care unit and electrocardiograms.

DICOM Archive



PACSSTACKS, Sencor's DICOM archive with a small footprint, offers an integrated hardware and software package and works as an entry-level PACS or modality archive. Designed for institutions with limited space, PACSSTACKS measures 6.5" wide, 3.5" high and 6.5" deep. Capacities range from 0.5 – 2.0 terabytes.

X-Ray Film Viewers



Broadwest's Rolloscope MD accommodates digital LCD monitors and prior film comparisons in an ergonomic viewing system. With Rolloscope, the light spillover to the monitors is controlled and minimized. The multiviewer's lights automatically dim, the belt advances and the shutters mask to each new frame's film configuration. This model presents both images directly in front, instead of turning to examine prior films.

PET/CT System



Philips Medical Systems is pleased to introduce its GEMINI TF PET/CT system. GEMINI TF features TruFlight PET technology for a commercially available PET system utilizing time-of-flight reconstruction. TruFlight delivers fast PET acquisition times, high levels of image quality even in larger patients and clinical resolution for small lesion detectability.

Macro-biopsy Device



Anchor products introduces the Coramate, a handheld battery powered device for taking macro-biopsies of suspect breast tissue. It allows a direct frontal approach for accurate placement and better control. The Coramate offers a large specimen with an excellent needle-to-sample ratio, single solid core sample, reduction of bleeding and pain and less noise for patient comfort. The Coramate can also biopsy close to delicate structures, which is excellent for small breasts and peripheral tumors.



MEDRAD[®]

***You'll be amazed
at what you see...***

You'll see amazing new MEDRAD products

AND

**You'll receive our complimentary CD "Adding
Cardiovascular MR to Your Clinical Practice"**

MEDRAD is enhancing performance for Angio, CT, and MR in cardiovascular procedures, bringing you a range of products that enable:

- advanced visualization
- enhanced options for patient safety
- sound clinical outcomes
- optimized throughput and efficiency
- unsurpassed service and support
- MEDRAD's tradition of reliability, trust, and innovation

Visit MEDRAD's booth #8526 to see the latest advancements in CT and MR Injection Systems, MR Patient Care products, the newly released 3.0T Prostate eCoil, and more.

Booth #8526 North

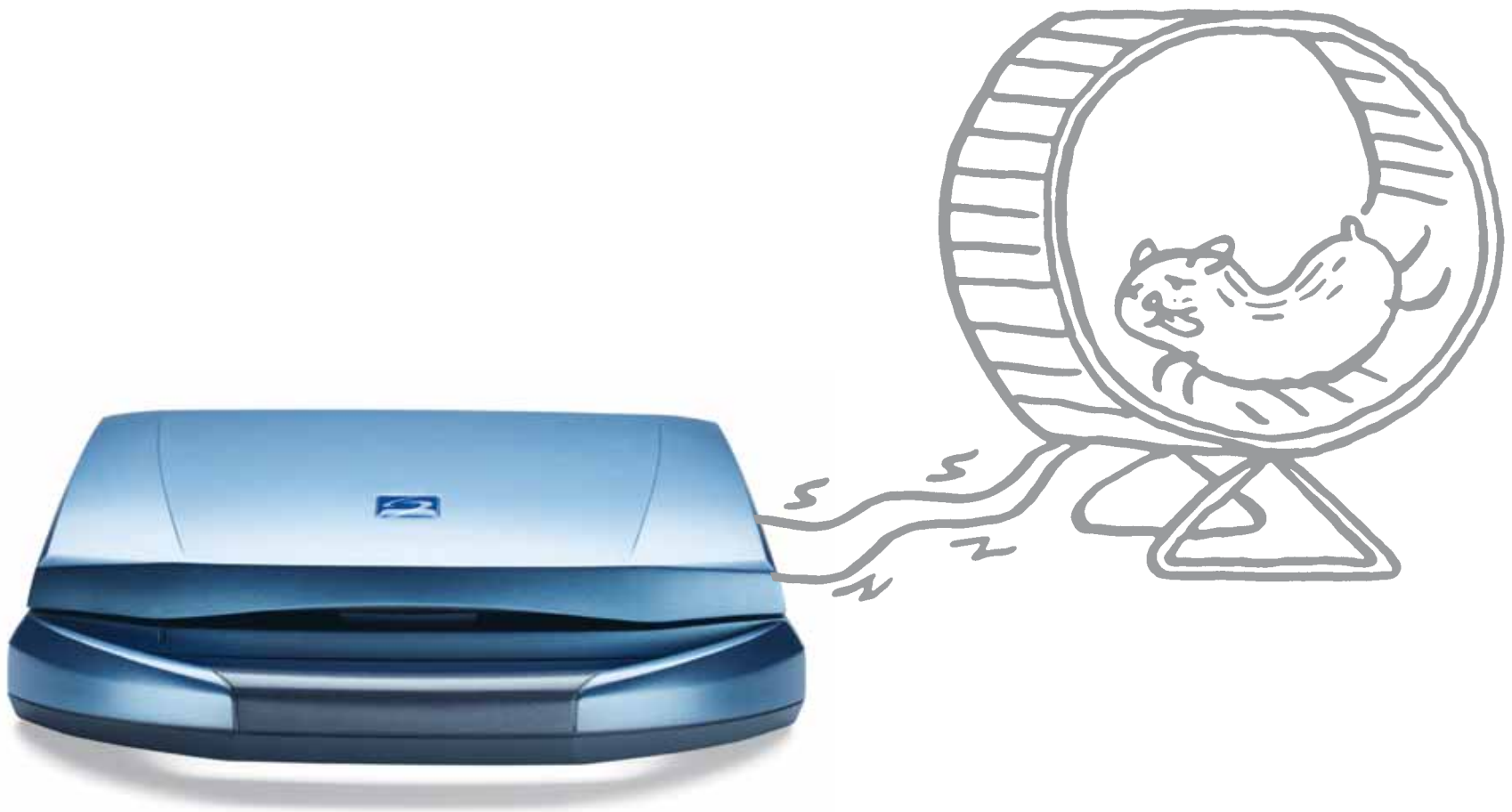


www.medrad.com/rsna2006

© 2006 MEDRAD, INC. All Rights Reserved.

MEDRAD[®]
Performance. For life.[™]

WE COULD MAKE
OUR SYSTEM
AS "FAST" AS
THE COMPETITION'S



But you'd have to sit and wait until it got rolling. The SonoSite® MicroMaxx® ultrasound system can go from "off" to scanning in less than 15 seconds. That means faster exams, faster diagnosis and better care. And unlike our competition, we have an embedded operating system that isn't prone to viruses and crashes. Because if your equipment leaves you waiting, you're not working. Imagine if every ultrasound device were this fast and reliable.

 **SonoSite**
The World Leader in
Hand-Carried Ultrasound

www.sonosite.com

© 2006 SonoSite, Inc. All rights reserved. MKT01114

Hall A, South Building, Booth #4948